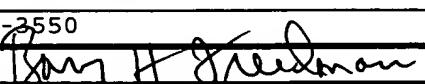
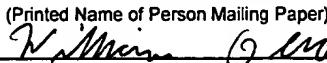


UTILITY PATENT APPLICATION TRANSMITTAL <small>For new nonprovisional applications under 37 CFR 1.53(b))</small>		Attorney Docket No. 20-21-26-1 First Named Inventor or Application Identifier Richard Frank Bruno Express Mail Label No. EM164542537US																								
APPLICATION ELEMENTS <small>See MPEP chapter 600 concerning utility patent application contents.</small>		ADDRESS TO: Assistant Commissioner for Patents Box Patent Application Washington, D.C. 20231																								
<p>1. <input checked="" type="checkbox"/> Fee Transmittal Form <small>(submit an original, and a duplicate for fee processing)</small></p> <p>2. <input checked="" type="checkbox"/> Specification [Total Pages 16] <small>(preferred arrangement set forth below)</small> <ul style="list-style-type: none"> - Descriptive title of invention - Cross References to Related Applications - Statement Regarding Fed sponsored R&D - Reference to Microfiche Appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings(if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure <p>3. <input checked="" type="checkbox"/> Drawing(s)(35 USC 113) [Total Sheets 3]</p> <p>4. Oath or Declaration [Total Pages 6]</p> <p>a. <input checked="" type="checkbox"/> Newly executed (original or copy)</p> <p>b. <input type="checkbox"/> Copy from a prior application(37 CFR 1.63(d)) <small>(for continuation/divisional with Box 17 completed)</small> <small>[Note Box 5 below]</small></p> <p>i. <input type="checkbox"/> DELETION OF INVENTOR(S) <small>Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 163(d)(2) and 1.33(b)</small></p> <p>5. <input type="checkbox"/> Incorporation by reference(useable if Box 4b is checked) <small>The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference herein.</small></p> </p>		<p>6. <input type="checkbox"/> Microfiche Computer Program (Appendix)</p> <p>7. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission <small>(if applicable, all necessary)</small> <ul style="list-style-type: none"> a. <input type="checkbox"/> Computer Readable Copy b. <input type="checkbox"/> Paper Copy(identical to computer copy) c. <input type="checkbox"/> Statement verifying identity of above copies </p>																								
ACCOMPANYING APPLICATION PARTS																										
<p>8. <input checked="" type="checkbox"/> Assignment Papers(cover sheet & document(s))</p> <p>9. <input type="checkbox"/> 37 CFR 3.73(b)Statement <input type="checkbox"/> Power of Attorney</p> <p>10. <input type="checkbox"/> English Translation Document (if applicable)</p> <p>11. <input type="checkbox"/> Information Disclosure <input type="checkbox"/> Copies of IDS <small>Statement(IDS)/PTO-1449 Citations</small></p> <p>12. <input type="checkbox"/> Preliminary Amendment</p> <p>13. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <small>(Should be specifically itemized)</small></p> <p>14. <input type="checkbox"/> Small Entity <input type="checkbox"/> Statement filed in prior application, Statement(s) Status still proper and desired</p> <p>15. <input type="checkbox"/> Certified Copy of Priority Document(s) <small>(if foreign priority is claimed)</small></p> <p>16. <input checked="" type="checkbox"/> Other : Associate Power of Attorney</p>																										
<p>17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:</p> <p><input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior Application No:</p>																										
18. CORRESPONDENCE ADDRESS																										
<input type="checkbox"/> Customer Number or Bar Code Label		<small>(Insert Customer No. or Attach bar code label here)</small>																								
or <input checked="" type="checkbox"/> Correspondence address below																										
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%; padding: 2px;">NAME</td> <td colspan="3" style="width: 66%; padding: 2px;">Samuel H. Dworetzky</td> </tr> <tr> <td style="width: 33%; padding: 2px;">ADDRESS</td> <td colspan="3" style="width: 66%; padding: 2px;">AT&T CORP., P.O. BOX 4110</td> </tr> <tr> <td style="width: 33%; padding: 2px;">CITY</td> <td style="width: 22%; padding: 2px;">MIDDLETON</td> <td style="width: 18%; padding: 2px;">STATE</td> <td style="width: 27%; padding: 2px;">NEW JERSEY</td> </tr> <tr> <td style="width: 33%; padding: 2px;">ZIP CODE</td> <td colspan="3" style="width: 66%; padding: 2px;">07748-4801</td> </tr> <tr> <td style="width: 33%; padding: 2px;">COUNTRY</td> <td colspan="3" style="width: 66%; padding: 2px;">UNITED STATES</td> </tr> <tr> <td colspan="2" style="width: 50%; padding: 2px;"></td> <td style="width: 11%; padding: 2px;">FAX</td> <td style="width: 39%; padding: 2px;">732-957-5505</td> </tr> </table>			NAME	Samuel H. Dworetzky			ADDRESS	AT&T CORP., P.O. BOX 4110			CITY	MIDDLETON	STATE	NEW JERSEY	ZIP CODE	07748-4801			COUNTRY	UNITED STATES					FAX	732-957-5505
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19. SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED																										
NAME	Barry H. Freedman	Reg. #	26166																							
TELEPHONE	732-957-2550																									
SIGNATURE	 <small>Barry H. Freedman</small>																									
<small>"Express Mail" Mailing Label Number: EM164542537US</small>		<small>Date of Deposit 05/01/1998</small>																								
<small>I hereby certify that this Application is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Assistant Commissioner of Patents, Washington D.C. , 20231</small>																										
<small>W/11AM 01/01/98</small>																										
<small>(Printed Name of Person Mailing Paper)</small>																										
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<small>(Signature of Person Mailing Paper)</small>																										

FEE TRANSMITTAL		Complete if Known	
<small>Patent Fees are subject to annual revision on October 1. These are the fees effective October 1, 1997 Small Entity payments must be supported by a small entity Statement, otherwise, large entity fees must be paid. See Forms PTO/SB/09-12.</small>		Application Number	
		Filing Date	
		First Named Inventor	Richard Frank Bruno
		Examiner Name	
		Group/Art Unit	
TOTAL AMOUNT OF PAYMENT (\$790.00)		Attorney Docket No.	20-21-26-22-11

METHOD OF PAYMENT (check one)				FEE CALCULATION (continued)																																																																																																																														
<p>1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:</p> <p>Deposit Account Number 01-2745</p> <p>Deposit Account Name AT&T CORP.</p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 <input type="checkbox"/> Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance</p>				<p>3. ADDITIONAL FEES</p> <table border="1"> <thead> <tr> <th>Large Fee Code</th> <th>Entity Fee(\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>127</td><td>50</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>139</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>147</td><td>2520</td><td>For filing a request for reexamination</td><td></td></tr> <tr><td>112</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>113</td><td>1840*</td><td>Requesting publication of SIR after to Examiner action</td><td></td></tr> <tr><td>115</td><td>110</td><td>Extension for reply within first month</td><td></td></tr> <tr><td>116</td><td>400</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>117</td><td>950</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>118</td><td>1510</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>128</td><td>2060</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>119</td><td>310</td><td>Notice of Appeal</td><td></td></tr> <tr><td>120</td><td>310</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>121</td><td>270</td><td>Request for oral hearing</td><td></td></tr> <tr><td>138</td><td>1510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>140</td><td>110</td><td>Petition to revive - unavoidable</td><td></td></tr> <tr><td>141</td><td>1320</td><td>Petition to revive - unintentional</td><td></td></tr> <tr><td>142</td><td>1320</td><td>Utility issue fee (or reissue)</td><td></td></tr> <tr><td>143</td><td>450</td><td>Design issue fee</td><td></td></tr> <tr><td>144</td><td>670</td><td>Plant issue fee</td><td></td></tr> <tr><td>122</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>123</td><td>50</td><td>Petitions related to provisional applications</td><td></td></tr> <tr><td>126</td><td>240</td><td>Submission of Information Disclosure Statement</td><td></td></tr> <tr><td>581</td><td>40</td><td>Recording each patent assignment per property(times number of properties)</td><td></td></tr> <tr><td>146</td><td>790</td><td>Filing a submission after final rejection(37 CFR 1.129(a))</td><td></td></tr> <tr><td>149</td><td>790</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td></td></tr> <tr> <td colspan="4">Other fee (specify)</td> </tr> <tr> <td colspan="4">Other fee (specify)</td> </tr> <tr> <td colspan="4" style="text-align: right;">* Reduced by Basic Filing Fee Paid</td> <td colspan="2" style="text-align: right;">SUBTOTAL(3)</td> <td></td> </tr> </tbody> </table>				Large Fee Code	Entity Fee(\$)	Fee Description	Fee Paid	105	130	Surcharge - late filing fee or oath		127	50	Surcharge - late provisional filing fee or cover sheet		139	130	Non-English specification		147	2520	For filing a request for reexamination		112	920*	Requesting publication of SIR prior to Examiner action		113	1840*	Requesting publication of SIR after to Examiner action		115	110	Extension for reply within first month		116	400	Extension for reply within second month		117	950	Extension for reply within third month		118	1510	Extension for reply within fourth month		128	2060	Extension for reply within fifth month		119	310	Notice of Appeal		120	310	Filing a brief in support of an appeal		121	270	Request for oral hearing		138	1510	Petition to institute a public use proceeding		140	110	Petition to revive - unavoidable		141	1320	Petition to revive - unintentional		142	1320	Utility issue fee (or reissue)		143	450	Design issue fee		144	670	Plant issue fee		122	130	Petitions to the Commissioner		123	50	Petitions related to provisional applications		126	240	Submission of Information Disclosure Statement		581	40	Recording each patent assignment per property(times number of properties)		146	790	Filing a submission after final rejection(37 CFR 1.129(a))		149	790	For each additional invention to be examined (37 CFR 1.129(b))		Other fee (specify)				Other fee (specify)				* Reduced by Basic Filing Fee Paid				SUBTOTAL(3)		
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SUBMITTED BY					Complete (if applicable)	
Typed or Printed Name	Barry H. Freedman				Reg. Number	26166
Signature					Date	5/1/1998
					Deposit Account User ID	

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, D.C. 20231